

NIKOL'SKIY, V.N., kand. tekhn. nauk; SPIVAK, N.Ya., kand. tekhn. nauk; BAULIN, D.K., inzh.; BUADZE, V.Sh., inzh.; KREYTAN, V.G., kand. tekhn. nauk; PERMYAKOV, S.I., kand. tekhn. nauk; USOV, A.L., inzh.; KOSIKIN, V.G., kand. tekhn. nauk; MARAVIN, B.L., inzh.; ERENBURG, A.I., inzh.; KOCHESHKOV, V.G., inzh.; RUBANENKO, B.R., glav. red.; ROZANOV, N.P., zam. glav. red.; OMUFRUYEV, I.A., red.; YUDIN, Ye.Ya., red.; NASONOV, V.N., red.; ISIDOROV, V.V., red.; MAKARICHEV, V.V., red.; FINKINSSTEYN, B.A., inzh. red.;

[Prefabricated floor and ceiling structures] Poly i perekrytiia industrial'noi konstruktsii. Moskva, Gosstroizdat, 1963. 71 p. (MIRA 16:12).

1. Akademiya stroitel'stva i arkhitektury SSSR. Tsentral'nyy nauchno-issledovatel'skiy i eksperimental'no-proyektornyy institut industrial'nykh zhilykh i massovykh kul'turno-bogatykh zdaniy. 2. Nauchno-issledovatel'skiy institut stroitel'noy fiziki i ogranzhayushchikh konstruktsii (for Nikol'skiy, Usov). 3. Tsentral'nyy nauchno-issledovatel'skiy i eksperimental'no-proyektornyy institut industrial'nykh zhilykh i massovykh kul'turno-bogatykh zdaniy (for Buadze, Baulin, Spivak, Kreytan, Kocheshkov). 4. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Erenburg).

(Floors) (Ceilings)

KREYTENBERG, V.B.

Efficient fastening of cams. Stan.1 instr. 32 no.11:38-39 N
'61. (MIRA 14:10)
(Machine-shop practice)

NOZDNYUKHIN, V.K.; KREYTER, A.A.; KLYAVIN, V.; ELIZOV, I.; SUSLOV, V.F.;
PAK, V.A., kand. geol.-min. nauk; YAKOVLEV, V.N.; LESNIK, Yu.N.;
KOROLEV, I.A.; RACHKULIK, V.I.; TACHKOVA, N.A.; KOLESNIKOVA,
V.N., kand. fiz.-mat. nauk; NASYROV, M.; SHUL'TS, V.L., doktor
geolgr. nauk, prof., otv. red.; GAYSINSKAYA, I., red.; MASHARIPOVA, D.,
red.; GOR'KOVAYA, Z.P., tekhn. red.

[Fedchenko Glacier] Lednik Fedchenko. Tashkent, Izd-vo Akad. nauk
Uzbekskoi SSR. Vol.1. 1962. 247 p. (MIRA 15:8)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut matematiki.
(Fedchenko Glacier)

Код документа: 15 151

BASHARKEVICH, L.D.; ANTROPOV, A.N.; KUSOV, N.I.; DYUKOV, A.I.; SPERANSKIY,
M.A.; KREYTER, B.M., glavnnyy red.; SHATALOV, Ye.T., zamestitel'
glavnogo red.; YEROFEYEV, B.N., red.; ZENKOV, D.A., red.; KRASNIKOV,
V.I., red.; NIFONTOV, R.V., red.; SMIRNOV, V.I., red.; KHRUSHCHOV,
N.A., red.; YAKZHIN, A.A., red.; NEKIPEROV, V.Ye., red.; BEREZOVSKAYA,
L.I., red. izd-va; PEN'KOVA, S.A., tekhn. red.

[Prospecting for coal and oil shale deposits] Razvedka mestorozhedenii uglei i goriuchikh slantsev. Moskva, Gos. nauchn.-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1957. 61 p. (Metodicheskie ukazaniia po proizvodstvu geologo-razvedochnykh rabot, no.9).

(Coal—Geology) (Oil shales) (MIRA 11:4)

KREYTER, D.S.

PA 8/49T97

USSR/Minerals
Pyrites
Silver

Jul/Aug/Sep 48

"Autogenesis of Silver in One of the Oxidized
Zones in the Southern Urals Pyrite Deposits,"
D. Kreyter, Active Mem, Acad Sci USSR, 1 p

"Zapiski V-S Mineral Obshch" Part 77, No 3

Discusses nature of the deposits. Two photographs
show typical silver occurrences in subject zones.

8/49T97

KREYTER, D.S.; PETROVA, M.G.

Some results of using the sluicing method in studying a
beryllium-bearing granite massif. Izv. vys. ucheb. zav.;
geol. i razv. 4 no.5:90-92 My '61. (MIRA 14:6)

1. Moskovskiy geologorazvedochnyy institut imeni S.Ordzhonikidze.
(Beryllium)

KREYTER, V.M.; KREYTER, D.S.; ARISTOV, V.V.; AZHGIREY, G.D.; REZVOY, D.P.; KOZYRENKO, V.N.; LAZ'KO, Ye.M.; RUSETSKAYA, G.G.; GALKIN, B.I.; YERMAKOV, N.P.; NEVSKIY, V.A.; VOZDVIZHENSKIY, B.I.; KULICHIKHIN, N.I.; POPOV, I.N.

Nikolai Vasil'evich Baryshev, 1903-. Izv.vys.ucheb.zav.; geol. i razv. 6 no.5:95-96 My '63. (MIRA 18:4)

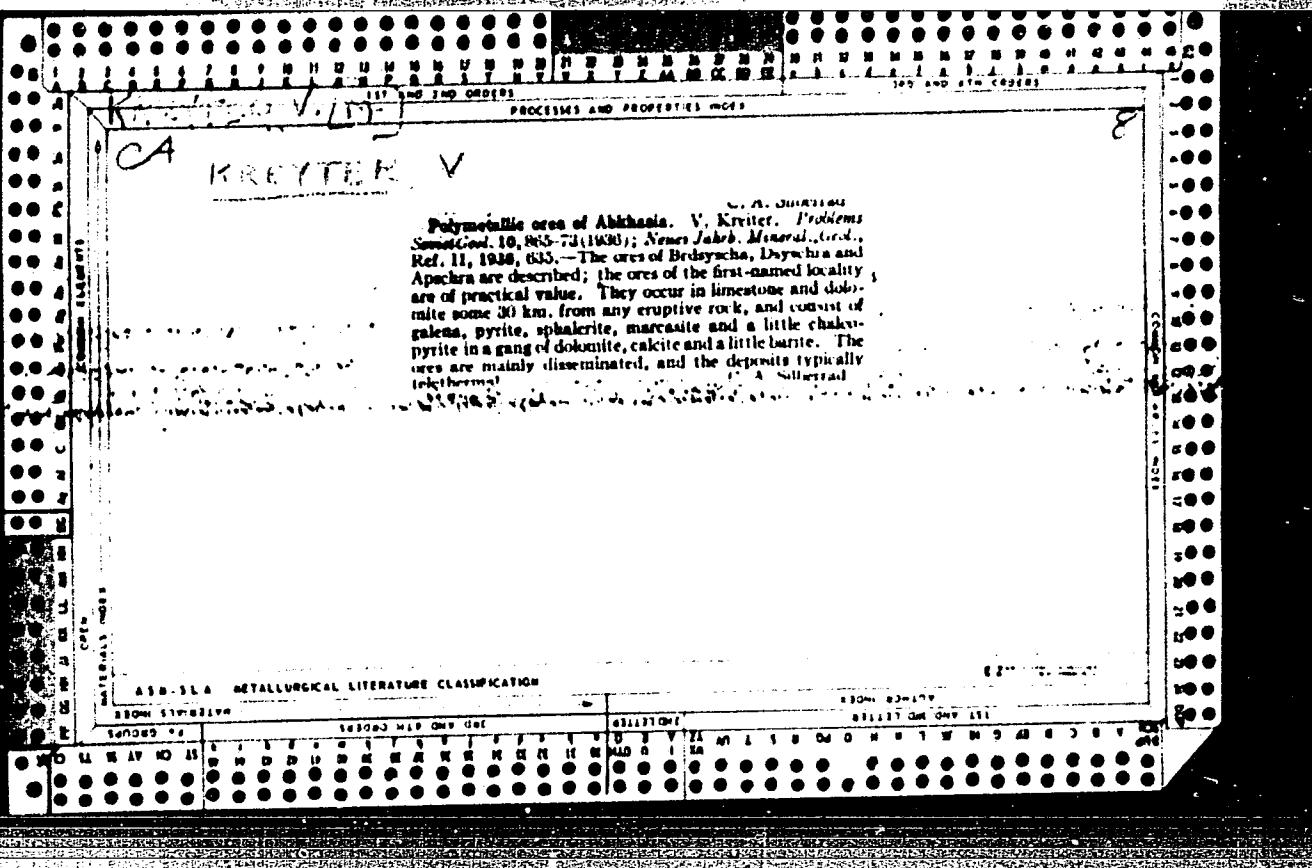
ARISTOV, V.V.; KREINDELEV, F.P.; KREYTER, D.S.; RUMYANTSEV, I.A.;
ABUSHKIN, V.A.; TROFIMOV, N.N., prepod. KREYTER, V.M.,
prof., retsenzenter; AL'BOV, M.N., prof., retsenzenter;
KOZERENKO, V.N., prof., retsenzenter; KRAYNO, S.V., st.
prepod., retsenzenter; BEILYAKOVA, Ye.V., red.

[Manual for laboratory work in the course on prospecting
and exploration for mineral deposits] Rukovodstvo dlia
prakticheskikh zaniatii po kursu poliskov i razvedki resorso-
rozhkienii poleznykh iskopаемых. Moscow, Vysshiaia shkola,
1965. 253 p. (MIRA 18:9)

KREYTER, D.S.

Typomorphic characteristics of zirconium and apatite
in the rocks of alkali complex (Urals). Izv.vys.ucheb.
zav.; geol. i razv. 8 no.10:64-74 O '65.

1. Moskovskiy geologorazvedochnyy institut imeni
Ordzhonikidze. (MIRA 19:1)



KREITER, Vladimir Mikhailovich

KREITER, Vladimir Mikhailovich, and V.I. SMIRNOV. ... Polimetallicheskaiia baza Srednei Azii. Moskva, AN SSSR, 1937. 85, (1) p., 1 l. (Akademiiia Nauk SSSR. Tadzhiksko-Pamirskaia ekspeditsiia. Trudy TPE, vyp. 83).

Bibliographical foot-notes.

DLC: TN1C9.K7

SO: LC, Soviet Geography, Part II, 1951/Unclassified.

KREYTER, V. M.

PA 41T38

USSR/Geology
Gold Ore Deposits
Sulfides

Jan/Feb 1948

"Dimensions of Gold Particles in Sulfide Deposits as an Indication of Post-ore Metamorphism," V. M. Kreyter, 3 $\frac{1}{2}$ pp

"Izv Akad Nauk SSSR, Ser Geol" No 1

Lists various scientists who have been interested in the phenomenon of the dimensions of gold particles contained in sulfide deposits as an indication of metamorphosis which has gone on after the period of ore formation. States that this question is one still needing solution, and that article merely establishes requirements for solving the problem.

41T38

Nov/Dec 48

USSR/Geology
Ore Deposits
Polymetallic Deposits

"Deformation Structures and Endogenic Ore Deposits,"

V. M. Kreyter, 11 pp

"Iz Ak Nauk SSSR, Ser Geol" No 6

Among examples of the influence of deformation structures are: lead-zinc Karatau region and Kimbel'-Kashka-su skarn-shoelite region; polymetallic region of East Zabaykal'; ore fields of Kazakhstan; and others. Characterizes deformation structures caused by movement of the earth's crust.

Shows significance of various forms of deformation for localizing ore deposits.

60/49745

KREYTER, V.M.

USSR/Geology
Geochemistry
Gold

Nov/Dec 48

"F. V. Chukhrov's Article, 'The Migration of Gold in the Oxidation Zone,' V. Kreyter, 1 p
Oz." Iz Ak Nauk SSSR, Ser Geol" No 6

Both Chukhrov and Kreyter disagree with the current hypothesis of the solution of gold by chlorine, obtained during the interaction of acid water containing chlorides, on manganese dioxide. Conclude that, in oxidation zones of some deposits, gold migrates in true, not colloid, solutions. Among

60/49T39

USSR/Geology (Contd)

Nov/Dec 48

other criticisms, author believes that lixiviation zones in Central and North Urals are weak because of the absence of submicroscopic gold in the original ore.

60/49T39

KREYTER, V.

KREYTER, V. M.

TA 1/49T72

USSR/Metals
Ore Deposits

Jan/Feb/Mar 48

"Works of S. S. Smirnov on the Ore Deposits of Eastern Transbaikal," V. M. Kreyter, Acting Mem, 8 $\frac{1}{4}$ pp

"Zapiski V-S Mineral Obshch" Part LXXVII, No 1

Brief account of Smirnov's work on polymetallic provinces in eastern Transbaikal and other ore containing regions. Data in this article chiefly concerns work he did in area between Shirk and Argun Rivers.

1/49T72

KREYTER, Vladimir Mikhaylovich; LUKIN, K.I., redaktor; BABINTSEV, N.I.,
redaktor izdatel'stva; GUBROVA, O.A., tekhnicheskiy redaktor

[Structural features of ore fields and deposits] Strukturny rudnykh
polei i mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry
po geol. i okhrane nedor, 1956. 270 p. [Microfilm] (MLRA 10:3)
(Petroleum geology) (Ore deposits)

RAMZES, B.Ya.; ZUBAREV, N.N.; CHERNOVITOV, Yu.L., nauchnyy red.; YERSHOV,
A.D., glavnnyy red.; SHMANNENKOV, I.V., zam.glavnogo red.; GINZBURG,
A.I., red.; ZVEREV, L.V., red.; KREYTER, V.M., red.; MOKROUSOV, V.A.
red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; IZRAILEVA,
G.A., red.izd-va; BYKOVA, V.V., tekhn.red.

[Industrial specifications for the quality of raw minerals; handbook
for geologists] Trebovaniia promyshlennosti k kachestvu mineral'-
nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva.
Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr. No.2.
[Quartz sand] Pesok kvartsevyi. Nauchn.red.IU.L.Chernovitov.
(MIRA 13:7)
1955. 55 p.

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'-
nogo syr'ya.
(Sand)

KREYTER, V.M.

G.I. Gurevich's "The so-called 'mechanical analysis' in geological literature." Reviewed by V.M. Kreiter. Razved.i okh.nedr 22 no.4: 59-63 Ap '56. (MLRA 9:8)

1. Vsesoyuznyy institut mineral'nogo syr'ya.
(Geology--Electromechanical analogies)

KREYTER, V.M.

Main problems of the science of prospecting for mineral resources.
(MLRA 10:4)
Sov. geol. no.53:22-28 '56.
(Prospecting) (Mines and mineral resources)

RODIONOV, G.G.; RONENSON, B.M.; BRITAYEV, M.D.; KREYTER, V.M., glavnnyy red.; SHATALOV, Ye.T., zamestitel' glavnogo red.; YEROVSELEV, B.N., red.; ZHENKOV, D.A., red.; KRASHNIKOV, V.I., red.; NIFONTOV, R.V., red.; SMIRNOV, V.I., red.; KHRUSHCHEV, N.A., red.; YAKZHIN, A.A., red.; MARKOV, P.H., red.; OVCHINNIKOVA, S.V., red. izd-va; AVVERKIYeva, T.A., tekhn. red.

[Prospecting for mica deposits] Razvedka mestorozhdenii sliudy..
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr,
1957. 56 p. (Metodicheskie ukazaniia po proizvodstvu geologo-
razvedochnykh rabot, no.4). (MIRA 11:1)
(Mica ores) (Prospecting)

POMERANTSEV, Vladimir Vladimirovich, kand. tekhn. nauk.; KREITER, V.M., otv. red.;
NADEINSKAYA, A.A., tekhn. red.

[Principles of preliminary commercial evaluation of deposits of
nonferrous ores] Elementy predvaritel'nykh promyshlennykh otseinok
rudnykh mestorozhdenii tsvetnykh metallov. Moskva, Ugletekhizdat,
1957. 56. (MIRA 11:10)

(Prospecting)

GIMMEL'FARB, B.M.; KREYTER, V.M., glavnnyy red.; SHATALOV, Ye.T., zamesstitel'
glavnogo red.; IEROFEYEV, B.N., red.; ZENKOV, D.A., red.; KRASNIKOV,
V.I., red.; NIFONTOV, R.V., red.; SMIRNOV, V.I., red.; KHRUSHCHOV,
V.I., red.; YAKZHIN, A.A., red.; MARKOV, P.N., red.; VERSTAK, G.V.,
red.; AVERKIYEVA, T.A., tekhn. red.

[Prospecting for phosphorite deposits] Razvedka mestorozhdenii fos-
foritov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nadr. 1957. 65 p. (Metodicheskie ukazaniia po proizvodstvu geologo-
razvedochnykh rabot, no.5).
(Phosphorites) (Prospecting)
(MIRA 11:1)

BOUS, A.A.; BRITAYEV, M.D.; GRECHUKHIN, N.A.; KREYTER, V.M., glavnnyy red.; SHATALOV, Ye.T., red.; YEROFEYEV, B.N., red.; ZENKOV, D.A., red.; KRASNIKOV, V.I., red.; NIFONTOV, R.V.; SMIRNOV, V.I., red.; KHRUSHCHOV, N.A., red; YAKZHIN, A.A., red.; PROKOF'YEV, A.P., red; NEMANOVA, G.F., red.izd-va; PEN'KOVA, S.L., tekhn.red.

[Prospecting for beryllium, tantalum, and niobium deposits] Razvedka mestorozhdenii berilliia, tantala i niobiia. Moskva, gos. nauchno-tekhn, izd-vo literatury po geologii i okhrane nedor. 1957 94 p. (Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. Metodicheskie ukazaniia po proizvodstvu geologo-razvedochnykh rabot, no.2). (MIRA 11:3)

(Ore deposits) (Prospecting)

CHERNYSHEV, G.B.; BRITAYEV, M.D.; TAREHOV, A.G.; SHCHEMBAKOV, A.V.; KRYTTER,
V.M., glavnnyy red.; SHATALOV, Ye.T. zamestitel' glavnogo red.;
YEROFEEV, B.N., red.; ZENKOV, D.A., red.; KRASHIKOV, V.I., red.;
NIFONTOV, P.V., red.; SMIRNOV, V.I., red.; KHRUSHCHOV, N.A., red.;
YAKZHIN, A.A., red.; MUKHIN, S.S., red.; AVERKIYEVA, T.A., tekhn.
red.

[Prospecting for ferrous metal deposits] Razvedka mestorozhdenii
chernykh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po
geol. i okhrane nedr, 1957. 102 p. (Metodicheskie ukazaniia po
proizvodstvu geologo-razvedochnykh rabot, no.11). (MIRA 11:1)
(Iron ores) (Prospecting)

BOZINSKIY, A.P.; BRITAYEV, M.D.; KOMISSAROV, A.K.; KATKOVSKIY, G.S.; SEDOVA,
V.I.; SHCHERBAKOV, A.V.; KREYTER, V.M., glavnyy red.: SHATALOV,
Ye.T., zamestite! glavnogo red.; YEROFEYEV, B.N., red.; ZENKOV,
D.A., red.; KRASNIKOV, V.I., red.; NIFONTOV, P.V., red.; SMIRNOV,
V.I., red.; KHRUSHCHOV, N.A., red.; YAKZHIN, A.A., red.; OVCHINNIKOVA,
S.V., red. izd-va; AVERKIYEVA, T.A., tekhn. red.

[Prospecting for gold ore deposits] Razvedka zolotorudnykh mestorozh-
denii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nadr, 1957. 103 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii
institut mineral'nogo syria. Metodicheskie ukazaniia po proizvodstvu
geologo-razvedochnykh rabot, no.1). (MIRA 11:1)
(Gold ores) (Prospecting)

ROZHKOY, I.S.; HUSANOV, B.S.; KREYTER, V.M., glavnnyy red.; SHATALOV,
Ye.T., red.vypuska; YEROFEEV, B.N., red.; ZENKOV, D.A., red.;
KRASNIKOV, V.I., red.; NIVONTOV, R.V., red.; SMIRNOV, V.I.,
red.; KHRUSHCHOV, N.A., red.; YAKZHIN, A.A., red.; VLASOVA,
S.M., red.izd-va; AVERKIYEVA, T.A., tekhn.red.

[Methodological instructions on geological prospecting] Meto-
dicheskie ukazaniia po proizvodstvu geologo-razvedochnykh
rabot. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i
okhrane nedr. No.1 [Prospecting for alluvial gold, platinum,
tin, tungsten, titanium, tantalum, and niobium] Razvedka
rossyapnykh mestorozhdenii zolota, platiny, olova, vol'frama,
titana, tantal'a i niobiia. 1957. 108 p. (MIRA 12:5)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
mineral'nogo syr'ya.
(Prospecting)

KHRUSHCHOV, N.A.; KOSOV, B.M.; POLIKARPOCHKIN, V.V.; BRITAYEV, M.D.; TARKHOV,
A.G.; SHCHERBAKOV, A.V.; KREYTER, V.M., glavnnyy red.; SHATALOV, Ye.T.,
zamestitel' glavnogo red.; YEHOREYEV, B.N., red.; ZENKOV, D.A., red.;
KRASNIKOV, V.I., red.; NIVONTOV, R.V., red.; SMIRNOV, V.I., red.,
YAKZHIN, A.A., red.; VERNSTAK, I.V., red. izd-va; AVERKIYEVA, T.A.,
tekhn. red.

[Prospecting for molybdenum, tungsten, tin, bismuth, antimony,
and mercury deposits] Razvedka mestorozhdenii molibdena, vol'frama,
olova, vismuta, sur'my i rtuti. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po geol. i okhrane nedor, 1957. 130 p. (Metodicheskie ukazaniia
po proizvodstvu geologo-razvedochnykh rabot, no.6). (MIRA 11:1)
(Ore deposits) (Prospecting)

AMIRASLANOV, A.A.; BRITAYEV, M.D.; BYBOCHKIN, A.M.; ZHENKOV, D.A.; TAKHOV,
A.G.; TSYGANKO, N.I.; SHCHEBRAKOV, A.V.; KREYTER, V.M., glavnyy
red.; SHATALOV, Ye.T., zamestitel' glavnogo red.; YEROFEEV, B.N.,
red.; ZENKOV, D.A., red.; KRASNIKOV, V.I., red.; NIFONTOV, R.V.,
red.; SMIRNOV, V.I., red.; KHRUSHCHOV, N.A., red.; YAKZHIN, A.A.,
red.; VERSTAK, G.V. red. izd-va; AVERKIYEVA, T.A., tekhn. red.

[Prospecting for copper, lead, and zinc deposits] Razvedka mesto-
rozhdenii medi, svintsa i tsinka. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po geol. i okhrane nedr, 1957. 135 p. (Metodicheskie ukaza-
niia po proizvodstvu geologo-razvedochnykh rabot, no.10).

(Ore deposits) (Prospecting) (MIRA 11:4)

KREYTER V. 177

AUTHOR: Vol'fson, F.I., Kreyter, V.M. and Lukin, L.I. 11-11-6/9

TITLE: Main Conclusions of the Study of the Structures of Ore Fields and Ore Deposits in the USSR (Osnovnyye itogi izucheniya struktur rudnykh poley i mestorozhdeniy v SSSR)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957,
11, p 58-81 (USSR)

ABSTRACT: When studying geologic structures of ore deposits, Soviet geologists endeavored to establish regularity of ore fields within metallogen areas. In addition, conformities to established rules were examined in detail as well as the texture of all genetic types of mineral deposits. All mineral districts were studied by Soviet geologists in order to establish the existing relation between endogen mineralization and regional tectonic dislocations. The basic peculiarity of mineral zones which can be shown for many folded areas on small-scale maps, is manifested by the fact that mineralization takes place only within the limits of separate fields or belts, segregated by ore-free intervals of considerable expanse. Examinations have disclosed that intrusive rocks form relatively long-stretched massifs consisting either of narrow belts located alongside broken disturbances, or of separate mountain ranges of varying

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Main Conclusions of the Study of the Structures of Ore Fields and Ore Deposits in the USSR

dimensions. Separate large alkaline and basic rock fields located on the fringes of shields and plateaus generally contain magmatic deposits of titanium, niobium, zirconium, rare earths as well as sulfides of copper-nickel ores. Separate intrusive mountain ranges in geosyncline regions of minor dimensions often contain ore fields of magmatic and pegmatite composition. Especially in the Urals, individual gabbroic intrusions, deposited in ancient crystalline layers and marble, are genetically associated with ore fields of titanomagnetites. Pegmatite fields of rare metals are generally found in zones of external contact, on slanting contact areas of intrusive bodies. In deeply eroded intrusions these minerals are often found in residual top layers. Interesting statements were made by Soviet geologists concerning the regularity of deposits of rare metals associated with quartz veins, found in conjunction with gneissenization of surrounding rocks. It has been established that such rocks are mainly associated with cupola-shaped ultra-acid hypabyssal deposits. The structural-geologic conditions for the formation of magmatic and pegmatic

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Main Conclusions of the Study of the Structures of Ore Fields and Ore Deposits in
the USSR

deposits have been studied to a relatively small extent. For this reason the data submitted by V.K. Kotul'skiy and other geologists concerning the structure of sulfide copper-nickel deposits are of special interest. Thorough geologic investigations in the Monchegorsk area and other districts have shown that the forming process was accomplished in five consecutive stages. The latest structural examination conducted by B.A. Yudin have disclosed that the Tsaginsk titanomagnetite deposits on the Kola peninsula were formed in three stages. Gneiss formations containing tin, tungsten, molybdenum and other metals were studied by Soviet geologists. The author gives a brief description of the Bukukinsk deposits, with two schematic drawings. Examinations of the Tur'insk copper skarn deposits revealed a great structural variety of skarn deposits. According to V.P. Petrov and other geologists, the Tur'insk group of deposits consists of effusive rocks and limestones, folded into a sloping syncline fold. Concentrated ores are associated with places of intersecting pyroxenic skarn zones of near-contact schistosity, formed in casings of breaks. The author subdivided hydrothermal deposits, containing zink, copper,

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Main Conclusions of the Study of the Structures of Ore Fields and Ore Deposits in the USSR

gold, antimony, mercury and other metals into the following groups:

- a. folded structures;
- b. structures of pyrite deposits;
- c. structures of metasomatic deposits in limestones and dolomites;
- d. crevice structures.

The basic material for the study of structures of ore deposits are geologic maps, from which the location of fields and the regularity of individual deposits within each ore field can be learned. Special attention is given to underground mapping. Additional methods employed are: micro-structural analysis, geo-chemical methods and the aerophotographic method.

There are 8 figures and 112 references, of which 111 are Slavic (Russian).

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PHASE I BOOK EXPLOITATION

SOV/2128

5(2)

Kreyter, V.M., V.V. Aristov, I.S. Volynskiy, A.N. Krestovnikov, and
V.V. Kuvichinskiy

Povedeniye zolota v zone okisleniya zoloto-sul'fidnykh mestorozhdeniy
(Behavior of Gold in the Oxidation Zone of Gold-Sulfide Deposits)
Moscow, Gosgeotekhizdat, 1958. 266 p. 3,000 copies printed.

Ed. of Publishing House: V.P. Skvortsov; Tech. Ed.: K.V. Krynochkina

PURPOSE: This book is intended for geologists, mineralogists, and
other scientists studying gold-bearing ores and gold deposits.

COVERAGE: The work attempts to create a practical basis for appraising
the importance of primary and secondary ore zones containing gold
deposits resulting from hypergenetic migration. Minerals containing
native gold in macroscopic, microscopic, and submicroscopic quan-
tities, as well as the regions in which these minerals occur, are
indicated. The authors cite references to studies made on the
genesis of hypogene and supergene gold. Gold solution and its re-
action in liquids having a different chemical composition are

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Behavior of Gold in the Oxidation Zone (Cont.)

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discussed, and findings from numerous experiments are analyzed. The Maykain and Dzhusely deposits of Kazakhstan and the Blyava and Novyy Sibay deposits of the Southern Urals are analyzed geologically and mineralogically and the results presented in tables and graphs. Results of microscopic analysis of gold are also discussed and illustrated. This work has been completed under the direction of V.M. Kreyter who wrote Chapters I, V, and VI. Chapter III and the first and second parts of the Chapter II were written by V. V. Aristov. Chapter VII and the third part of the Chapter II were written by I.S. Volynskiy. V.V. Kuvichinskiy wrote the first part of Chapter IV. Numerous Soviet geologists and mineralogists are mentioned in the text. The authors thank P.S. Belov, former Chief Engineer of the Zolotorazvedga Trust, I.N. Plaksin, T.N. Shadlun, D.S. Kreyter, and G.G. Rusetskaya. The book contains numerous pictures, graphs and tables. There are 120 references: 78 Soviet, 27 English, 12 German, 3 French.

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(Mines and mineral resources--Classification)

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YERSHOV, A.D., glavnnyy red.; ZVEREV, L.V., red.; ZUBAREV, N.N., red.;
KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.;
KHUSHCHOV, N.A., red.; SHMANENKOV, I.V., red.; IZRAILEVA, G.A.,
red.izd-va; IVANOVA, A.G., tekhn.red.

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SOVA, N.B., red.izd-va; IVANOVA, A.G., tekhn.red.

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KRYNOCHKINA, K.V., tekhn.red.

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(MIRA 12:12)

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ZUBAREV, N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A.,
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BORODAYEVSKAYA, M.B.; GOVOROV, I.N.; GODLEVSKIY, M.N.; SHCHEGLOV, A.D.;
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ORLOVA, Ye.V.; POMERANTSEV, V.V.; RUSETSKAYA, O.G.;
YARMOLOVICH, N.V.; MAKEYEV, V.I., red. 1zd-va; BYKOVA,
V.V., tekhn. red.

[Prospecting for stockwork deposits of nonferrous and rare
metal ores] Razvedka shtokverkovykh mestorozhdenii tsvetnykh i
redkikh metallov. [By] B.I.Galkin i dr. Moskva, Gosgeoltekhn-
izdat, 1962. 233 p. (MIRA 16:6)

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ral'nogo syr'ya.

(Prospecting)

S/169/63/000/002/072/127
D263/D307

AUTHOR: Kreyter, V. M.

TITLE: On V. I. Biryukov's paper 'Classification of systems of exploration of the deposits of solid useful minerals'

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 11, abstract 2D66 (Geol. rudn. mestorozhd., 1962, no. 4, 134-135)

TEXT: The classification of the system of exploration suggested by V. I. Biryukov is a considerable advance on the previously published systems. To resolve the main groups of exploring systems the author introduced geological exploratory sections in addition to technical means. V. I. Biryukov demonstrated earlier that exploration is naturally dependent on 3 methods: sections, sampling, and assessing comparisons. Utilization of an enormous factual material allowed a separation of 27 systems and showed a relation between the frequency of application of each exploratory system in

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On V. I. Biryukov's ...

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practice. Tables and conclusions quoted by the author sound very persuasive. Along with positive moments, V. I. Biryukov's paper contains a certain formalism (mechanicism). Study of prospecting and exploration is a geological science and classification of the systems of exploration vigorously, with almost mathematical logic, is not permissible. The author took the first method of sections, and mentioned the second (sampling) only in the interpretation and derived arguments. It would be desirable if the method also participated in the resolution of the groups themselves. The third method (assessing comparisons) may be neglected from consideration, since only industrial deposits are explored. In the separation of the leading groups of exploration systems, the more important geo-physical methods should also be indicated. Further study of existing systems is necessary for the determination of the most effective conditions for their application. This will allow norms of necessary exploratory means for all industrial type deposits to be worked out. Abstracter's note: Complete translation. 7

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Agree. no. 1249-57 143. (DEA 38-1C)

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YERMAKOV, N.P.; NEVSKIY, V.A.; VOZDVIZHENSKIY, B.I.; KULICHIKHIN,
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SABUZHIN, V.A.; TROFIMOV, N.N., prepod. KREYTER, V.M.,
prof., retsenzent; AL'BOV, N.N., prof., retsenzent;
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[Manual for laboratory work in the course on prospecting
and exploration for mineral deposits] Rukovodstvo dlia
prakticheskikh zaniatii po kursu poiskov i razvedki mestorozhdenii poleznykh iskopaemykh. Moskva, Vyschaya shkola,
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Sulfonation of β -diketones. XV. Bindonesulfonic acid and its
salts. Vestis Latv ak no.2:111-114 '61. (EEAI 10:9)

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(Sulfonation) (Ketones) (Bindonesulfonic acid)

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Optimum reduction of the stator winding pitch of an induction motor.
Vest.elektroprom. 18 no,10:13-14 O '47. (MLRA 6:12)
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A REYSBERG
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Absorption, shifting, and localization of additional phosphorus
through the leaves by apple trees. Vestis Latv ak no.9:125-132
'59.
(EEAI 9:10)

1. Latvijas PSR Zinatnu akademija, Biologijas instituts
(Phosphorus) (Apple) (Leaves)

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exchange in *Prunus divaricata*. *Vestis Latv ak* no.6:125-132 '60.
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(*Prunus diuaricata*) (Indoleacetic acid)

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Adoption of phosphor with plant overground organs from the fog of
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(EEAI 10:9)

1. Latvijas PSR Zinatnu akademija, Biologijas instituts.

(Phosphorus) (Plants) (Phosphoric acid)

KREICBERGS, O.

Metabolism of fertilizer absorbed by leaves. Vestis Latv ak no.10:
83-88 '61.

1. Latvijas PSR Zinatnu akademija, Biologijas instituts.

(Plants--Metabolism)

KREICBERGS, O.

Effect of foliar feeding of potassium phosphate on the translocation
and metabolism of phosphorus compounds [in Latvian]. Vestis Latv ak
no.1:85-90 '62.

1. Latvijas PSR Zinatnu akademija, Biologijas instituts

ANET LUEKENS V. E.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Pesticides and Crop-Control Agents

① C.W.
The application of methyl bromide in combating insects injurious to botanical collections. V. E. Kreitsberg. Botan. Zhur., Akad. Nauk S.S.R. 38, 570-4 (1953).— Forty g. of MeBr/cu.m. for space of 72 hrs. at 25° killed all the insects in the State University herbarium. To keep the gas in circulation, 3 fans capable of turning over 1200 cu.m. of air per hour had to be installed. Detailed instructions of handling the operation are given. J. S. I.

KREYTSBERG, V.B.

New data on the biology and control of the subterranean vole.
Trudy Bot.sada AN Uz.SSR no.4:120-127 '54. (MIRA 9:7)
(Field mice)

KREYTSBERG, V.E.

New thrip species (Thysanoptera) harmful to pistachio. Ent. oboz.
34:95-98 '55. (MLRA 9:5)
(Thrips)

GERASIMOV, A.M.; KREYTSBERG, V.E.

The pistachio coddling moth, a pest of pistachio in Central Asia.
Ent. oboz. no. 1:85-88 '56. (MLRA 9:10)

1.Uzbekskaya karantiynaya laboratoriya, Tashkent.
(Soviet Central Asia--Coddling moth) (Pistachio--Diseases and pests)

KREYTSBERG, V. E.

"Development of the Gas Method in Uzbekistan," by V. E.
Kreytsberg, senior agronomist-entomologist of the State In-
spection Service for the Quarantine of Plants, Tashkent,
Zashchita Rasteniy ot Vrediteley i Bolezney, Vol 1, No 5,
Nov/Dec 56, pp 48-50

The author describes a method of using of methyl bromide, ethylene oxide, and methyl formate as fumigants for the control of harmful pests and rodents which infest plants, food products, and buildings. This method was first developed at the Uzbekistan Quarantine Laboratory and is now being utilized in many parts of the country. These fumigants are more rapid in their action, more dependable and less expensive than other fumigants and the method of applying them is simple.

Methyl bromide, a colorless gas, soluble with difficulty in water but easily soluble in organic solvents, is a universal fumigant. It is used to destroy insects and ticks which attack foliar plants, seedlings, bulbs, dried and fresh fruits and vegetables, seeds, grains, and other crops. It is a convenient fumigant for the disinfection of industrial buildings, elevators, mills, dairies, wineries, breweries, canneries, and storehouses. When used to fumigate various food products it does not impart any odor or taste to the products treated. It is useful as a means of control of rodents in buildings and in fields. Methyl bromide does not affect metals, fabrics, paints, rubber, or other materials.

Ethylene oxide is a colorless gas, easily soluble in water and organic solvents. It is highly poisonous to insects and ticks, and their eggs in particular. While the seeds of most plants easily tolerate treatment with ethylene oxide, some, i.e., wheat and beans, are somewhat sensitive to the fumigant. It is being successfully used in Uzbekistan to disinfect many plants and food products. It is also used to exterminate rodents and insects which infest storehouses, homes, and industrial buildings. Trained personnel are required to handle it. It is applied in doses of 20-50 g/m³, and like methyl bromide does not affect metals, fabrics, rubber, or other materials.

Methyl formate is poisonous to insects and their larvae. It is used as a fumigant for the disinfection of seeds, grains, raw tobacco, and various food products. It is also used as a fumigant for the extermination of rodents and insects in enclosed areas. It is normally applied in doses of 80-120 g/m³ for periods ranging from 24 to 48 hours.

The fumigants are kept in lightweight steel cylinders having capacities of 1-50 liters. The cylinders are equipped with "oxygen membrane valves KVB-46 (kislorodnymi membrannymi ventilyami KVB-46)," and with siphons extending almost to the bottom of the containers. A typical fumigation chamber is in three sections: in one the objects to be treated are stored; another holds the fumigant and third, is a mixing section where the fumigant is mixed with air. The fumigant is fed into the mixing section, from where, well-diluted with air, it is forced into the fumigation chamber.

June 12 19

KREYTSBERG, V.E.

KRYZHNIKOV, A.N., kand.biologicheskikh nauk, professor; KREYTSBERG, V.E.,
starshiy toksikolog

Hygienic evaluation of products exposed to methyl bromide. Gig. i
san. 22 no.7:86-88 Jl '57. (MIRA 10:10)

1. Iz Tashkentskogo meditsinskogo instituta i Uzhekskoy karantinnoy
laboratorii.

(INSECTICIDES, effects,
methyl bromide, on food prod. during fumigation (Rus))

(BROMIDES, effects,
methyl, on food prod. during fumigation (Rus))

(FOOD,
eff. of methyl bromide fumigation (Rus))

KREYTSBERG, V.E.

Urgent tasks in disinfection during quarantine. Zashch.rast.ot
vred. i bol. 3 no.6:43-45 N-D '58. (MIRA 11:12)

1. Zaveduyushchiy otdelom toksikologii Uzbekskoy karantinnoy
laboratorii.
(Plant quarantine) (Disinfection and disinfectants)

KREYTSBERG, V. E., Cand Agr Sci -- (diss) "Methods of quarantine dis-infestation of vegetable loads." Leningrad, 1960. 18 pp; (All-Union Order of Lenin Academy of Agricultural Sciences im V. I. Lenin, All-Union Scientific Research Inst of Plant Protection); 250 copies; price not given; list of author's works on page 18 (10 entries); (KL, 17-60, 163)

KREYTSBERG, V. E. (Tashkent)

Sources of valuable information. Zashch. rast. ot vred. i bol.
5 no.10:51 0 '60.
(MIRA 16:1)

(Plants, Protection of)

KREYTSBERG, V.E., kand. sel'skokhoz. nauk

Quarantine disinsectisation against fruit flies, Zashch. rast.
ot vred. i bol. 6 no.11:49-52 N '61. (MIRA 16:4)

(Plant quarantine)
(Fruit flies--Extermination)

KREYTSBERG, V.E.

Insecticidal properties of some herbicides. Zashch. rast. ot
vred. i bol. 7 no.9:38 S '62. (MIRA 16:8)

(Insecticides) (Herbicides)

KREYTSBERG, Z. N.

KREYTSBERG, Z. N. -- "Oxidation of Lignin by Chemical and Biochemical Methods."
Acad Sci Latvian SSR, Inst of Forestry Problems, 1953 (Dissertation for the
Degree of Candidate of Chemical Sciences)

SO: Izvestiya Ak. Nauk Latvivskoy SSR, No. 9, Sept., 1955

ODINTSOV, P.N., kandidat khimicheskikh nauk; KREYTSBERG, Z.N., kandidat khimicheskikh nauk.

Oxidation of lignin and alkaline lignin by cupric hydroxide and Fehling solution. Meksimn.probl.inst.rak. no.6:51-61 '53. (MLRA 7:6)

1. Chlen-korrespondent Akademii nauk Latviyskoy SSR.
(Lignin) (Oxidation)

ODINTSOV, P.N., kandidat khimicheskikh nauk; KREYTSBERG, Z.N., kandidat khimicheskikh nauk.

Oxidation of isolated lignins and of lignin in wood. Mezzaimn.probl.
inst.rak. no.6:63-76 '53. (MLRA 7:6)

1. Chlen-korrespondent Akademii nauk Latviyskoy SSR (for Odintsov).
(Lignin) (Oxidation)

Kreicberg a, 2.

Destruction of the fir-wood substance by *Coniophora cerebella*. P. N. Olincov and Z. Kreicberg. *Leningrad FSR Zinchnu Akad. Nauk* 1953, **100-12** (Meeting No. 77), 09-82 (in Russian).—Fir-wood cubes were decapitated with *C. cerebella* for 1.5 years. The lignin content in the product was 53% as compared with 28% at the beginning. The lignin in the product was partly sol. in water, EtOH, ether, and aq. solns. of NaOH and Na bicarbonate. The enzymes of *C. cerebella* split off one methoxyl group per 10 elementary units of lignin; the carbohydrate-lignin bond was destroyed with formation of one free phenolic group (I) per 10 lignin units; in the natural lignin, there was one I per 10 units.

Andrew Dravnieks

LYSFNKO, L.Ya.; KREYTSBERG, Z.N.

Use of radioactive isotopes for determining the straightness and parallelism of fine wool fibers. Izv. vys.uchet.zav.; tekhn.tekst.- prom. no.6:62-67 '61. (MIRA 15:1)

1. Latviyskaya kambol'naya fabrik i institut lesokhozyaystvennykh problem i khimii drevesiny AN Latviyskoy SSR.
(Radioisotopes--Industrial applications) (Textile filters--Testing)

KREFTSER, A.G.

Mrk ✓ Apparatus for determination of the degree of oxygen saturation of blood. A. G. Kreftser and E. A. Zeldin. U.S. S.R. 104,202, Nov. 23, 1966. Detn. is made by measuring the light absorption by live tissue. M. Hoch

2

KREYTSKII, A.G.,; ZEL'DIN, Ye.A.

New oxygenometer. Med. prom. 10 no.1:41-42 Ja-Mr '56 (MLRA 9:6)

1. Mediko-instrumental'nyy ordena Lenina zavod "Krasnogvardeystva".
(PHYSIOLOGICAL APPARATUS) (OXYGEN)

KREYTSE, A.G.

"El' brus" expedition oxyhemometer. Biul. eksp. biol. i med. 41 no.1:
77-78 Ja. '56
(MLRA 9:5)

1. Iz Instituta fiziologii imeni I.P. Pavlova (dir.-akad. K.M. Bykov)
AN SSSR, Leningrad. Predstavлено действител'ным членом АМН СССР
V.A. Engel'gardtom.

(HEMATOLOGY, appar. and instruments
oxyhemometer)

Kreytser, A.G.

107-57-7-49/56

AUTHOR: Zel'din, Ye.A. and Kreytser, A.G.

TITLE: Oxyhemometer (Oksigemometr)

PERIODICAL: Radio, 1957, Nr 7, pp 56-57 (USSR)

ABSTRACT: An oxyhemometer is an instrument for photoelectric measurement of oxygen saturation of human arterial blood. The instrument described below differs from older types in its better operational characteristics, simplified circuit, smaller size (210x180x225 mm), and smaller weight (3 kg). An indirect method of measurement is used: a section of the pinna of the ear is transilluminated by two small light beams, red and infrared, and light absorptions are compared by means of two miniature photocells. The absorption of red rays depends on the color (i.e., oxygen content) of the blood, on the thickness of the pinna, the fill of blood vessels, and other factors. The absorption of infrared rays depends on all the above factors except the color of blood. A bridge-type circuit involving a double-triode 6N15P tube compares the output voltages of both photocells in such a way that a voltage proportional to their difference is applied to an indicating instrument. The scale of the instrument is calibrated directly in % of oxygen blood saturation. A selenium photocell and a type FESS-U-1 sulfurous-silver cell are used for red and infrared rays respectively. Type 6Ts4P tube is used as power-supply rectifier. A ferroresonance voltage-stabilized transformer delivers practically constant output voltage with any a-c input voltage between 100 and 240 v. Power consumption 25 w.

Card 1/2

Oxyhemometer

107-57-7-49/56

One circuit diagram is shown, constructional features are given, and a specification of parts is provided.

AVAILABLE: Library of Congress

Card 2/2

KREYTSER, A.G.

Oxyhemograph 036M. Med. prom. 14 no.5:63-66 My '60.

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets".
(PHYSIOLOGICAL APPARATUS) (BLOOD—OXYGEN CONTENT)

KREYTSER, A.G.; ZEL'DIN, Ye.A.

Combined oxyhemometer O-57. Med.prom. 14 no.11:50-54 N '60.
(MIRA 13:11)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets."
(BLOOD--OXYGEN CONTENT)
(MEDICAL INSTRUMENTS AND APPARATUS)

KREYTSER, Andrey Genrikhovich; KREPS, Ye.M., prof., red.; TISHCHENKO, M.I., red.; SAFRONOVA, I.M., tekhn. red.

[Handbook on medical instruments] Spravochnik po meditsinskim priboram. Pod red. E.M.Krepsa. Leningrad, Medgiz, 1962. 195 p. (MIRA 15:11)

1. Chlen-korrespondent Akademii nauk SSSR (for Kreps).
(MEDICAL INSTRUMENTS AND APPARATUS)

ACC NR: AP7009096

SOURCE CODE: UR/0413/67/000/003/0070/0070

INVENTOR: Gandel'sman, A. B.; Kreytser, A. G.; Prokopovich, N. B.

ORG: None

TITLE: An oximeter. Class 30, No. 191044

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 70

TOPIC TAGS: oximeter, medical laboratory instrument

ABSTRACT: This Author's Certificate introduces an oximeter containing an illuminator connected to a photocell. To increase convenience in selecting the optimum pressure to be applied between the fingers when measuring hypoxicnic displacement in the hand, the instrument is equipped with an adjustment screw and a hinge is used for interconnection between the photocell and illuminator.

Card 1/2

UDC: 615.47:612.127.2-087